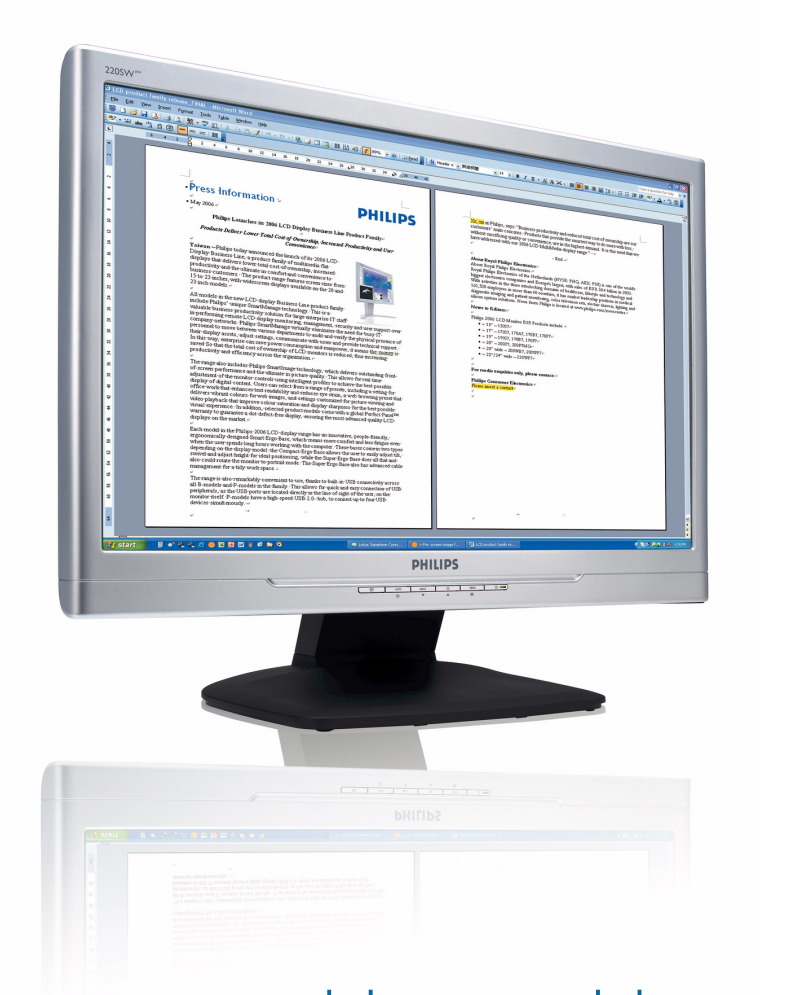
Philips
LCD widescreen monitor

22" wide
WSXGA

220SW8FS1



Move up to bigger widescreen for productivity

Get more done on budget! With a larger viewing area for easy-to-read high resolution text, this Windows Vista-ready Philips 220SW8-PLUS enhances office productivity with augmented viewing comfort and a host of smart features.

Best total cost of ownership solution
- SmartManage compatibility enables LAN-based asset management
- PerfecTune ensures top quality LCD display delivered to you
- Empowered for Windows Vista

Designed for maximum productivity
- Big, widescreen ideal for viewing two A4 pages side-by-side
- Display more images and content without scrolling

Outstanding front of screen performance
- WSXGA+, wide format 1680x1050 resolution for sharper display
- SmartImage: Optimized user friendly display experience

Great convenience
- Hassle-free display performance tuning with SmartControl II
- Dual input accepts both analog VGA and digital DVI signals
- Embedded power supply eliminates external power adaptors

PHILIPS
sense and simplicity

LCD widescreen monitor
22" wide WSXGA

220SW8FS1/05

Highlights

SmartManage enabled

SmartManage is a system for monitoring, managing and checking status of display devices as well as delivering remote support to users who experience difficulties - all accomplished over a LAN.

PerfecTune

PerfectTune is industry-leading, proprietary Philips testing and algorithm technology for monitor adjustment and fine tuning, an extensive process that ensures ultimate display performance in compliance with a standard four-times more stringent than Microsoft's Vista requirements from each and every monitor that leaves the factory - not just a few review samples. Only Philips goes to these lengths to deliver this exacting level of color accuracy and display quality in every new monitor.

Windows Vista ready

Philips Vista-ready monitors are empowered for vibrant, exciting display of this new, visually sophisticated and demanding Windows operating system, designed to enhance your entertainment experience, make you more productive and help you control your computing experience at home and in the office, making viewing, finding and organizing information for work or play quick, efficient and easy.

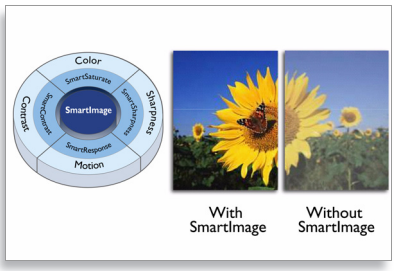
Large viewing area

Viewing area is the visible portion of a monitor screen available for displaying data.

WSXGA+, wide format 1680x1050

Wide format, super extended graphics array is a display specification that is capable of displaying 1680 x 1050 resolution or approximately 1.7 million pixels.

SmartImage



SmartImage is an exclusive, leading edge Philips technology that analyzes the content displayed on your screen. Based on a scenario you select, SmartImage dynamically enhances the contrast, color saturation and sharpness of images and videos for ultimate display performance - all in real time with the press on a single button.

SmartControl II

SmartControl II is monitor-based software with an easy-to-use on-screen graphic interface that guides you through fine-tuning resolution, color calibration and other display settings including brightness, contrast, clock & phase, position, RGB, white point and - on models with onboard speakers - volume adjustments.

Dual input

Dual input provides connectors to accommodate input of both analog VGA and digital DVI signals.

Embedded power supply

An embedded power supply is a power adaptor built into the body of a display device that replaces a bulky external power adaptor.

WideScreen SmartImage™ DualInput SmartContrast PerfecTune Built-in POWERSUPPLY Lead Free! TCO'03 DISPLAYS

LCD widescreen monitor
22" wide WSXGA

220SW8FS1/05

Specifications

Picture/Display
- LCD panel type: 1680 x 1050 pixels, Anti-glare polarizer, RGB vertical stripe
- Panel Size: 22" / 55.9 cm
- Effective viewing area: 474 x 296 mm
- Pixel pitch: 0.282 x 0.282 mm
- Brightness: 300 cd/m²
- Contrast ratio (typical): 1000:1
- SmartContrast ratio (dynamic): 3400:1
- Display colors: 16.7 M
- Viewing angle: 160° (H) / 160° (V), @ C/R > 10
- Response time (typical): 5 ms
- White Chromaticity, 6500K: x = 0.313 / y = 0.329
- White Chromaticity, 9300K: x = 0.283 / y = 0.297
- Maximum Resolution: 1680 x 1050 @ 60Hz
- Optimum Resolution: 1680 x 1050 @ 60Hz
- Video Dot Rate: 205 MHz
- Horizontal Scanning Frequency: 30 - 83 kHz
- Vertical Scanning Frequency: 56 -75 Hz
- Aspect ratio: 16:10
- sRGB

Connectivity
- Signal Input: VGA (Analog), DVI-D
- Sync Input: Composite Sync, Separate Sync, Sync on Green
- Video input impedance: 75 ohm
- Sync input impedance: 2.2k ohm
- Video input signal levels: 0.7 Vpp

Convenience
- User convenience: On-screen Display
- Monitor Controls: Auto, Brightness (Left), Contrast (Right), Menu, Power On/Off
- OSD Languages: English, French, German, Italian, Russian, Spanish
- Other convenience: Kensington lock compatible
- Plug & Play Compatibility: DDC/CI, sRGB, Windows 98/ME/2000/XP/Vista
- Regulatory Approvals: CE Mark, Energy Star, FCC Class B, SEMKO, TCO '03, TÜV/GS, TÜV Ergo, UL/cUL
- Tilt: -5° to 20°
- VESA Mount: 100 x 100 mm

Accessories
- Included Accessories: AC Power Cord, VGA cable
- User Manual

Dimensions
- Box dimensions (W x H x D): 590 x 522 x 150 mm
- Box dimensions in inch (W x H x D): 23.2 x 20.6 x 5.9 inch
- Set dimensions (W x H x D): 519 x 435 x 69 mm
- Set dimensions in inch (W x H x D): 20.4 x 17.1 x 2.7 inch
- Set dimensions with stand (W x H x D): 519 x 438 x 188 mm
- Set dimensions with stand in inch (W x H x D): 20.4 x 17.2 x 7.4 inch
- MTBF: 50,000 hrs
- Relative humidity: 20% - 80%
- Temperature range (operation): 0°C to 40°C
- Temperature range (storage): -20°C to 60°C
- Product weight (+stand): 4.68 kg
- Product weight (+stand) (lb): 10.3 lb
- Weight incl. Packaging: 6.69 kg
- Weight incl. Packaging (lb): 14.7

Power
- Complies with: Energy Star
- Consumption (On mode): < 45 W (Typical)
- Consumption (Off Mode): < 1 W
- Power LED indicator: Stand by/sleep - Amber, Operation - green
- Power supply: Built-in, 100-240VAC, 50/60Hz

Issue date 2009-04-22

Version: 1.0.3

12 NC: 8670 000 39854
EAN: 87 12581 42417 6

© 2009 Koninklijke Philips Electronics N.V.
All Rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips Electronics N.V. or their respective owners.

www.philips.com